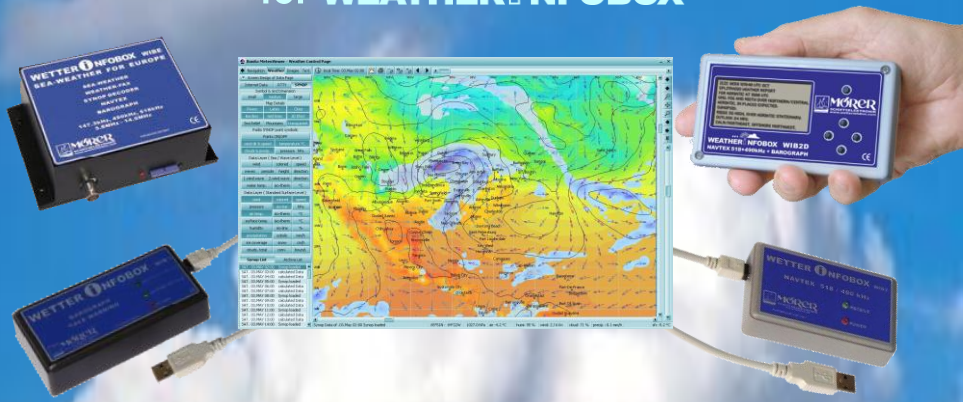
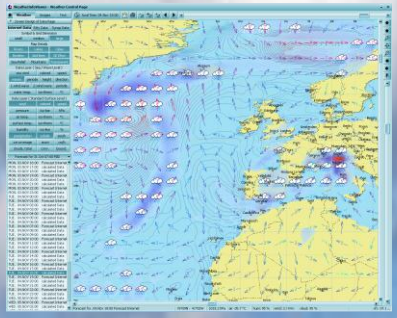
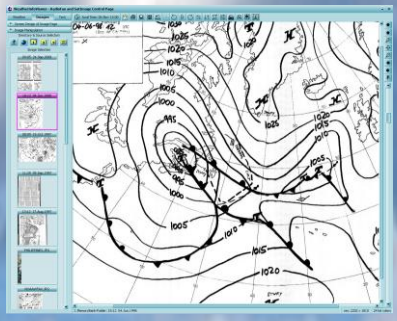
MÖRER
SCHIFFSELEKTRONIK

WeatherInfoViewer 1.0

for WETTER INFOBOX®







Manual

Inhalt

Program versions and dependencies 1
Installing WeatherInfoViewer 3
Install 4
Registration 5
The WeatherInfoViewer 7
Weather 7
Navigationsleiste 8
Data Layer 8
Toolbar with TimeSlider 8
Switch from local time to UTC time 8
Print 8
Speed controller and “PLAY” 8
Time slider 8
Internet Download Area 9
Time Management of the Download service 9
Program-Update-Control 9
Registry 9
Selection for home based or mobile internet 9
Geographic map area for download 10
Deleting old data after selected days: 10
Data for static purposes, logbook data: 10
SYNOP 11
Changing the Design 12
MeteoRouteControl 13
Images 19
Directory and source selection 19
Save and print FAX 21
Synchronize 21
Skew correction 21
Crop image 21
Rotate image 21
ICO RPM: 21
Contours, Soften, Sharpen, Brightness 21
Undo / Redo 21
Text 22
Symbol bar Text 22

Program versions and dependencies

The program "WeatherInfoViewer visualizes weather information which is received by a WEATHERiNFOBOX from Mörer or downloaded from the Internet. This is a special OEM development of Bonito. WeatherInfoViewer is a viewer, a projector, which processed, sorted, classifies and visualizes the received and loaded weather information, according to their properties in that way, that the complexities of the Weather information's are easily understandable. However, it is noted that this program processes the weather information according to modern meteorology, in highly scientifically Mesoscale aspects. BUT! This software does not do any own statements/forecasts about the weather situation!!! Therefore, we remind you once again to express terms of all weather services around the world:

All weather informations are without any guarantee!!!

The WeatherInfoViewer is available in 2 Versions:

The **Standard-Version**, which supports the standard features of the WEATHERINFIOBOX plus: converts the received Text messages to graphical Animations, record and drawing Barograph diagrams and optional downloading high resolution Weather data from MeteoServer via the Internet.

The **Navigator-Version**, which offers additional to the Standard Version, to plan a Route on a map similar to a navigation map and colors the planned route according to the weather situation

Both versions are delivered with a 14-day's trial access to the MeteoServer Weather data via Internet. But additional both versions are offered directly with 1 year Weather data via Internet.

The Navigator- and the Internet weather data- Options can be unlocked at any time via Internet. See the Prices for Options in the Price list or Online.

Functional dependencies:

This manual describes the full version with all options. This section also describes things that you may not able to use because you have not purchased these options or you do not operate the appropriate WEATHERiNFOBOX, which receives the necessary data, which you expect to see in the WeatherInfoViewer. For example, if you are using a WEATHERiNFOBOX with NAVTEX receiver only, you cannot expect to see any forecasts by the German Weather Service or receiving a series of pictures in the SYNOP and RTTY platform. Or that Barometer Diagrams are presented, although the WEATHERiNFOBOX has no air pressure sensor. Therefore, note the following list of useful combinations.

Sensible combinations:

Not every WEATHERiNFOBOX receives NAVTEX, RTTY and SYNOP messages. The WIBE for example is the only one which receives WeatherFax. And not every WEATHERiNFOBOX has a built in air pressure sensor.

It may therefore seem nonsensical to operate the WeatherInfoViewer only with a pure Navtex receiver without air pressure sensor. If you buy in such a case, the option for Internet weather data, it is this very modern and useful. Because the Internet can be used with any mobile phone reception and many marinas, there is already W-LAN hotspot.

Therefore the Internet Weather data option makes sense with any combination.

With the option "Navigator", you have a simple chart plotter for your GPS. But the MeteoRoute function is only useful if additional Internet data downloaded or RTTY weather forecasts received by the DWD.

Which Weather Info viewer functions are available for which WEATHERiNFOBOX?

WIBD can not read out with a computer. There is no sense in this context to order a Weather Info Viewer.

WIB2, WIB2B, WIB2BX and **WIB2D** only receiving NAVTEX-Messages, which will be displayed under **TEXT**

WIB1, **WIB3**, **WIBE** receiving RTTY- and SYNOP Messages, Which will be displayed in **Weather > RTTY/SYNOP** and **Text**.

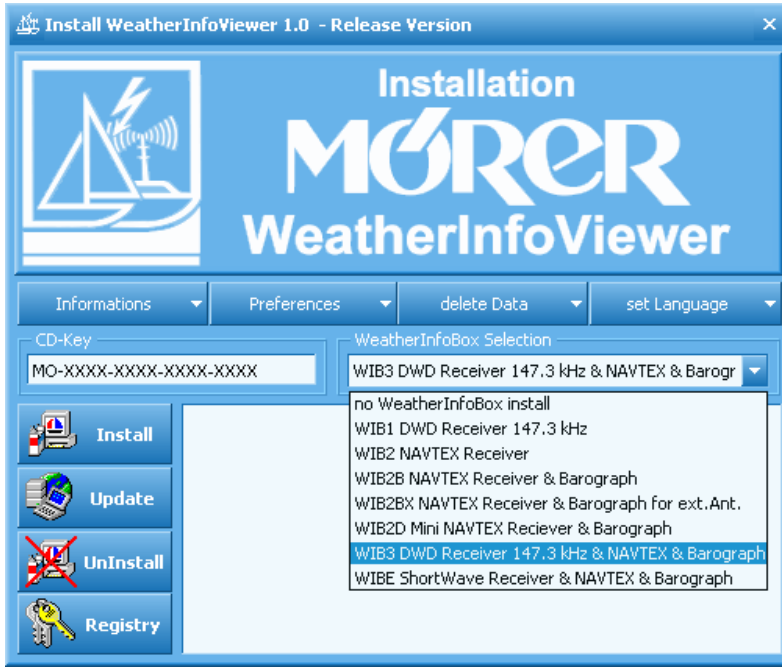
Only the **WIBE** can receive WeatherFax Images, which can be viewed and improved under **Images**.

WIB2B, **WIB2BX**, **WIB2D**, **WIB3 and WIBE**, having an Air pressure sensor, Whose values will be displayed as a Diagram under **Weather**.

WIB1 doesn't receive any NAVTEX-Messages.

The Barograph option in all cases only makes sense if the has a WEATHERiNFOBOX built in air pressure sensor. WIB1 and WIB2 have no barograph, whose values will be displayed as a Diagram under **Weather**.

Installing WeatherInfoViewer



All prerequisite conditions are met if the WEATHERiNFOBOX (the Receiver) is previously installed and operational on the PC. This installation guide does not describe the installation of the software from the WEATHERiNFOBOX. It only describes the extension of already installed software WEATHERiNFOBOX.

It is envisaged that after inserting the CD-ROM, the above setup program starts automatically. However, it is not unusual if the setup does not start automatically. Depending on the security level of your System the auto-start feature on your CD ROM Drive could be turned off. In such a case you need to start the WIV10AutoStart.exe. Start in no case the WIV10Install.exe! If you want to start the Install Program manual please use WIV10SETUP.exe.

The problems are mostly the administration rights, which not everyone owns, even though he is convinced that to possess. The Weather Info Viewer requires all permissions for write, read, and the Internet. Otherwise, you must change the user account to one which has enough rights.

Install

If you have your WEATHERiNFOBOX connected to the Computer und you inserting the CD-ROM the Setup Window appear and your WEATHERiNFOBOX model should be already selected in the “WEATHERiNFOBOX Selection” menu. If not check the Cable connection and choose your model manually. The Setup will show you the "CD-Key" automatically. The "CD-Key" is pre-programmed on the CD and is absolutely unique. This CD key unlocks the different versions of the program. The setup will check the CD-KEY via the Internet and receives additional key codes back from the Server. It is therefore necessary that you have your computer connected to the Internet. Otherwise, you must register the Software manually (see following page).

The installation

will start when you press the Install button. The complete contents of the CD will be copied and unpacked to your Hard Disc Drive. After a successful installation you see the Message “copy ready” and a icon will appear on your Windows Desktop and in the Start menu at: **[Start] [(all) Programs] [Moerer WeatherInfoViewer]** You find the Entry **WeatherInfoViewer** and **Setup**

If you should ever to reinstall or update the Software via the Internet, you don’t have to insert the CD all the time. You can easily open the Setup.

You can easily update your WeatherInfoViewer via the Internet. If you press the „Update“ Button, the setup will automatically download the necessary updates and install them.

CD-Key:

Subsequently, a different CD-Key be entered manually, which was acquired later, to extend the software version. Then must always be reinstalled, and then a new update from the Internet.
A different CD-Key can be entered manually, which later was acquired to extend the software version. After that you must always reinstalling the Software by pressing the “Install” Button and you need a new update from the Internet.

Preferences:
Here you can set or change the temperature unit from Fahrenheit to Celsius.

Delete Files: You can set whether already received data should be deleted or if DEMO Data should be installed or not.

Language: You can choose your Language here.

Changing the WEATHERiNFOBOX: Choose under *„WEATHERiNFOBOX Selection“* a different WIB and close the Setup.

Registration

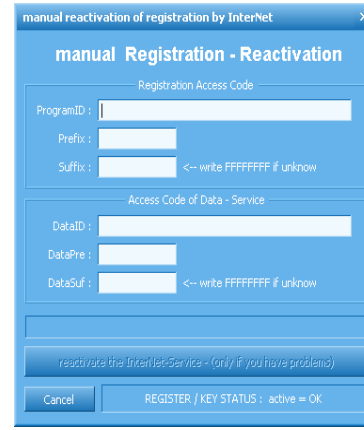
WeatherInfoViewer needs a registration via the Internet to unlock the Software. For protection against abuse and also to get updates and/or the possibly to download Internet weather data from MeteoServer, you must register your self first via the internet on the server. This process is called initial registration and is described on the next page. The WEATHERiNFOBOX used in the initial registration as a hardware protection, also called dongle. While the initial registration the WEATHERiNFOBOX must be connected on the PC. After the initial registration it is only necessary to have the WIB connected if you transfer Weather data from the WIB to the PC. If you only want to update the Software or downloading Weather data from the Internet, only the access codes are necessary. If you have registered your self already, then these codes where saved on your computer in the registry, and also send to you as an e-mail.

Normally the Registration starts automatically after a successful Installation.
If not open the WeatherInfoViewer Setup:
[Start] [(All) Programs] [Moerer WeatherInfoViewer] [Setup WeatherInfoViewer]

Please click the Button “Registration”. If you ignore the entries, you cannot be identified and the service is always lost in the case of a problem. If you want to remain anonymous, set under name, road and city your own passwords. If no email will register, but only @ and one point, you’ll not receive an email with the access code, with which you can re-activate a registration or transfer the code to another computer.

Manual activation and reactivation:

All the individual access codes will be designated as a certificate. Thus you could activate also another Computer. Because it is very often the case that the user wants to install the Software on the home computer to prepare his trip carefully and use it later on the Notebook at the boat. In order to realize this, of course, the Software must also be installed on the notebook, where finally the re-registration process appears. In this case, choose now, **“manual activation of a registered Service**” and transferred all your codes of your certificate in this dialogue.



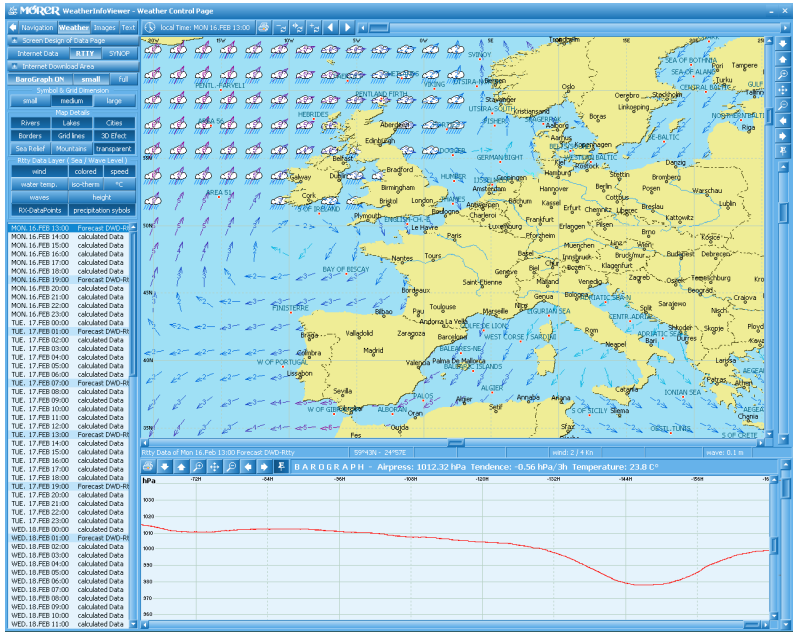
The suffix changes after each Internet update. This should be absolutely noticed, if you uninstall the program or operate it on several computers.
For such a change or the error message "SUFFIX_OPEN_ERR" the manual activation must be open and the access code be entered by hand, because a Registration by Internet is only possible *one* time. If the suffix should have been lost, it is possible to use a wrong suffix, in order to eliminate this problem. However this could happen only 8 times within 90 days.

So, if you change to a different computer you have to remind that and transfer the last suffix from the other computer. If you are already on the boat and find out that you have forgotten to do it, you must be forced to reactivate. In this case any suffix (also FFFFFFFF) can be passed, that's no matter. However, this could happen only 8 times in 90 days, otherwise your Software will be blocked.

MeteoServer.net

Anything what has to do with this Software is on the international server www.meteoserver.net. Although if some updates uses www.bonito.net, it is ultimately the same server. It may also be that the extension named .de, .com, etc. Nevertheless, it should not be tempted to use such addresses, since only the link www.meteoserver.net provides a quick and liable service.

The WeatherInfoViewer



This is where weather data are displayed, irrespective of whether they are received with the WEATHERiNFOBOX or downloaded via the internet. There are four categories: “Navigation”, *„Weather“*, *„Images“* and *„Text“*.

Navigation is only active if you bought the Navigator Version / Option.

Weather

This is where all weather data are displayed graphically, which was received with the WEATHERiNFOBOX as **RTTY**- or **SYNOP** or downloaded via the internet.

The Layer Button’s: Internet, RTTY and SYNOP switching to the desired Data display. **Barograph ON** displays the barometric diagram.

The Dialog button with the **‚+’** expands the dialog box. When the switch is a **“-“** then the corresponding dialog box is hidden again.

The navigation of the WeatherInfoViewer can be done comfortable with the mouse button and the mouse wheel. Zoom in or out using the mouse wheel and move the whole map with holding down the right mouse button. A weather-info-window appears with a simple click on the left mouse button.

Navigation bar

You navigate the map using the up/down and left/right buttons. You can also use the black arrows on the right. The button below the arrows switches the map back to the overview. The image can be zoomed in or out using the magnifying glass symbols. You can also select a portion of the image with your mouse. Point your mouse pointer to the upper left corner of the area you would like to select, click the mouse button and then pull the mouse to the lower right until the desired area is inside the marked area. Release the mouse button. MeteoViewer will zoom into the selected area.

Below the navigation bar there is a slider which makes zooming even easier. Point your mouse to your position and click on the right mouse button. A context menu will open. Select “Set fix point”. If you now use the zoom slider, you will always zoom back to the selected position. Even when you are zooming into other areas you simply need to touch the slider to get back to where you were before.

Data Layer

Depending on what you have downloaded, several or all data layers will be active. Simply choose the layers you want to be displayed. For example, wind, barometric pressure, waves, etc. You can also combine layers. Layers that cannot be combined will automatically be displayed with the proper layer.

Toolbar with TimeSlider

Switch from local time to UTC time

The weather data are always in UTC. To have a better overview of the prediction you can switch to local time or UTC.

Print

Here you can print your own weather maps. You choose when and which data and areas should be printed. Maps are printed in high definition quality.

Speed controller and “PLAY”

This controller sets the speed at which animations are played. The speed is also dependent upon the processing speed of your PC. The “<” and “>” buttons are to „Play“ the Forecast forward or backwards.

Time slider

By moving this slider to the left or right you can move the data manually.

Internet Download Area

If you press the ‚**Internet Download Area**' button the download dialog appears. This controls and arranges the Internet download and the data production. The requirement is that you bought the Internet Option and that your computer has established an internet connection.

Time Management of the Download service

With ‚**Start Download**' the Software connects via the Internet the MeteoServer, download the desired weather data and process it in such a way that you can view and evaluate the data in the WeatherInfoViewer.

If you activate the ***„Auto Download"*** function, WeatherInfoViewer automatically establish an internet connection to MeteoServer. With the submenus *„Forecast every…"* you can set the interval at which WeatherInfoViewer automatically downloads weather data. The small clock indicates the reference time.

Statusleisten

The status bars *„Internet Download", „Computing"* and *„Work progress duration"* show the up-to-date status of the respective process.

Program-Update-Control

If you activate "check for new updates", each time you download Weather data from MeteoServer, the Software checks if program updates are available.

Registry

With this Button the reactivation can be made, as described on Page 5.

Selection for home based or mobile internet

You can use WeatherInfoViewer at home as well as on the go, and want to keep the data volume low when mobile, you have the option to toggle between „Home Service" and „Mobile Service". You can select an entirely different configuration for each service mode. For example, you can select to receive satellite pictures and forecasts for up to six days with all available values, whereas when mobile you can waive on the satellite pictures and just receive forecasts for three days and even keep it down to some important values like Wind, Waves and so on, only.

With the buttons Weather details and Image details, a selection list will be offered that allows you to determine exactly what you want to download. The following Menu buttons specify the period of the forecast data or how many days retrospective Images or Synop data should be loaded.

Forecast period:

In „*Download for ??? Days forecast*“ you can select how many days worth of forecasts you would like to receive. With the list **“weather details”** you can check the check boxes with the desired values which you want to download.

Synop retrospective data and satellite images:

„*Synop data*“ are measurement values, not forecast values. They are the basis of all forecasts and indicate the values that you are or have been surrounded by. You can receive this data not only with your SSB radio but also download them from MeteoServer. In „*Synop download*“ you can download the Synop data of the past 72 hours.

Another function of MeteoServer is to provide satellite pictures which WeatherInfoViewer uses to create animations. Since these pictures are not forecasts you can select the time frame for satellite pictures in the “load pictures for...” selection box. The maximum amount is 72 hours. In the „*Image List*“ you select the pictures of the satellites you want to download.

Geographic map area for download

If you want to curb the amount of data downloaded from the server it is necessary to adjust the geographical area covered. You will find a number of preselected areas in the dialog box. You can reshape these areas by clicking and dragging the arrows.

Deleting old data after selected days:

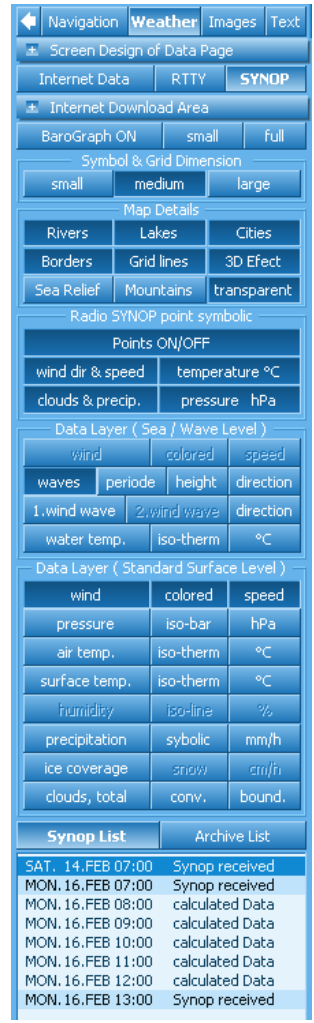
In order to prevent a build-up of old data on your computer you can have certain data deleted at certain times. The preselected value serves as a good average.

Data for static purposes, logbook data:

You can download, from the archives of the Meteo server, Synop data for any time period from Meteo server (see next page). This can be used for the documentation of a logbook for example. In order to keep a separate archive for a trip you have activate the last two switches.
It is intended that also other programs can use the data from the WeatherInfoViewer. We recommend at the moment the logbook of **http://www.tripcon.de**.

SYNOP

WEATHERiNFOBOX displays received Synop data as weather symbols on a world map. Clicking one of these symbols opens a window with information in English text. Every new station message is displayed if it is inside the selected reporting period. Messages can also be displayed for one time slot.



Radio Synop Symbols

Display Synop measure Station
This toggles the display of Synop data.

Wind direction and speed
Shows symbols with wind direction (arrows) and wind speed in Beaufort.

Temperature °C
Shows the air temperature in degrees centigrade (°C) on the map.

Clouds and precipitation

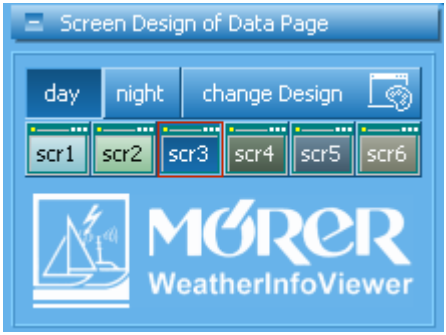
Shows symbols for cloud cover and precipitation.

Air pressure
shows the barometric pressure in hectopascal (hPa).

Synop-Archive

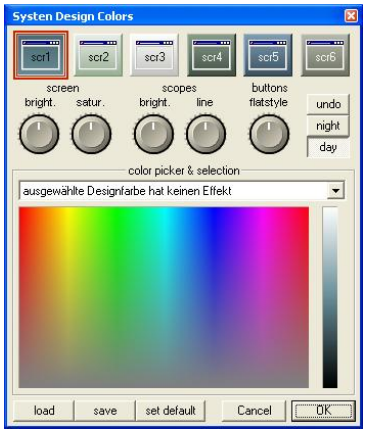
It is also possible to load older Synop data e.g. for logbook purposes. Therefore you have to choose the **Archive list** and eventually downloading data from the Internet, if they are not already archived.

Changing the Design



You can change the look of the Weather Info Viewer, software according to your wishes. You can use one of the defaults (SCR 1-6) or create your own design. This is not for just a purely visual aspect. If you are using the Software in the dark (in the Night) a bright screen is very annoying. Therefore you can change easily to a darker night design.

To create your own design, click "change design" and the following window appears:



You can now use the various controls to change color in the different areas. The settings dialog itself remains unaffected from that, because there are combinations which makes the switches and buttons invisible.

Screen:
Changes the background color. "Bright" is the brightness and "satur" is the color saturation.

Scopes:
Modifies the scopes and the frequency display. "Bright" determines the brightness of the background and "line" the brightness of the lines.

Button flat style:

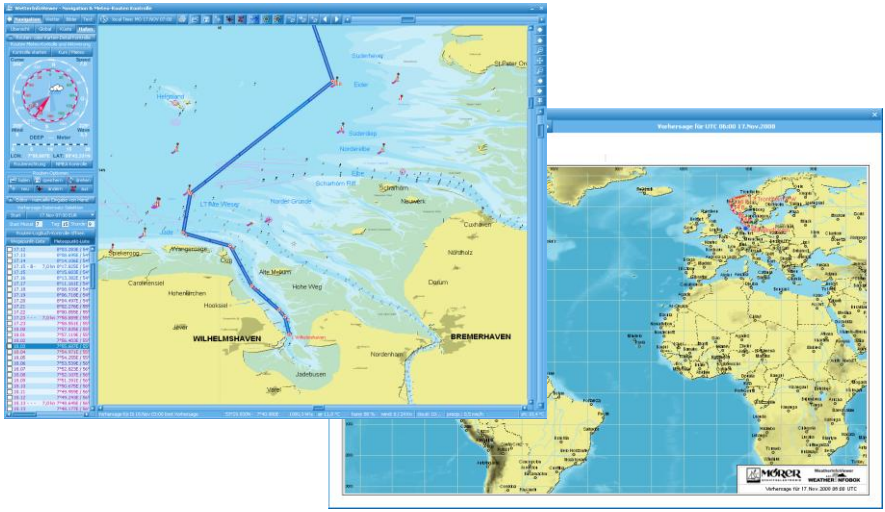
This makes it possible to vary how much or whether the buttons should be inflated.

Color Picker & Selection:

With this menu you can change the color the various parts of the software. Select the desired entry from the menu and go by holding the left mouse button in the desired color. Move the slider on the color tone bar to change the brightness (bright).

With "Save", you can save your own color scheme and with "Load" you can reload it. With "set default" you can assign your Design to the quick selection buttons (SCR 1-6). With "undo" you can undo the changes.

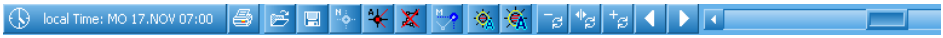
MeteoRouteControl



If you bought the Navigator or the Internet Option the category **„Navigation“** appears in the WeatherInfoViewer. This is a simple Chart plotter with all the usual details and functions, which can be updated via the Internet.

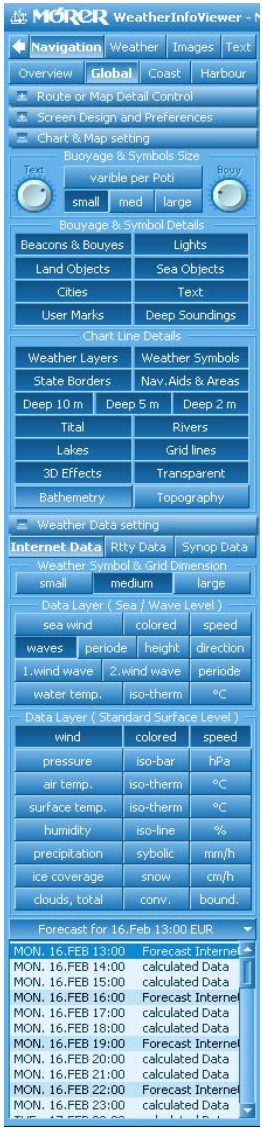
The category **“Navigation”** is a simple chart plotter. But please remind: There is no guarantee for the topicality and correctness of the Navigation charts. The substantial on these charts is the meteorological route control called MeteoRouteControl. You can create a planned route on a map similar to a navigation map. WeatherInfoViewer then calculates the weather data using the journey's estimated time and color the planned route according to the weather situation. Thus you can see easily when, at what time, and on what route section unfavorable weather conditions are expected. The route can be modified if necessary. This extension is meant to control a route realistically from the meteorological site, using a GPS.

This Button hides the control panel on the left hand side to get more space for the chart. The four categories **„Overview“, „Global“, „Coast“** and **„Harbour“** switching to a different Pre-set with different resolutions and details.The presets can be saved by open the Context menu (right Mouse button on the World Map) and choose “save the view parameter…”. Your settings remain if you switch to a different category. By clicking the right Mouse button you can reset your settings to the default Pre-setting’s.



As already known from the Weather Control page, you find at the very top a toolbar with additional switches for the route control. The most of the familiar controls are the same such as the Time Slider for the time and different buttons for the weather animation.

The Button “Measure” is different. After pressing this button, a click on the map is expected, to create a End-to-End measurement. After the first click, a thread pulled which represents the line to the next vertices. A right mouse click ends this procedure.

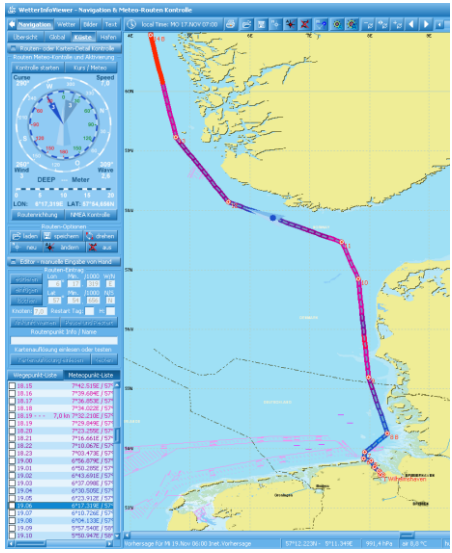


All known weather data settings can be selected here as well. Additional you will find here Layout settings with the two buttons: Weather-Layer and Weather-Symbols which toggles the Weather Details on or off. The list (at the bottom) shows always only one data set loaded from the Internet, which can be selected in the drop-down menu "Forecast for xxx". There you can choose the start hour of the forecast. The three Buttons **Small, Medium** and **Large** switching between the Symbol- and Raster-Sizes.

Because there are notebook displays which have lower vertical resolution (eg only 800px), you can minimize or maximize the Setting dialogs. This will also appear in larger screens for further details, such as preferences for Celsius, Fahrenheit or the details of the measurements in miles.

The colors for the Map representations and the layout can be adjusted here as well.

The size of the buoys can be changed with the buttons: **small, medium, large**. The button **variabel per Poti** sets an individual size for the Font and the buoys, which will be controlled with the potentiometers.



Route or Map Detail Control

If the Dialog RouteControl is visible, you can load, save, modify or create a new a route. Using the Context menu you can also hide the Route. With the „OFF“ Button, you can hide the Route as well. You can also reverse the direction of the route. These functions are also reflected as buttons in the button bar. The buttons have the same icons.

The two Buttons on the Top of the Window intended for secondary enlargement of buoys and their labeling.

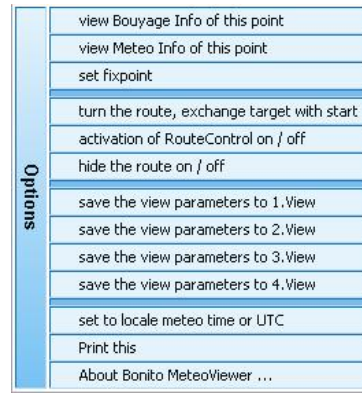
Screen-Navigation

Resolution: With the slider, just right below the navigation buttons, the Map can be zoomed in or out (see page 8). You also can use the mouse wheel for zooming in and out.

Zoom: Point your mouse pointer to the upper left corner of the area you would like to select, click the mouse button and then pull the mouse to the lower right until the desired area is inside the marked area. Release the mouse button. MeteoViewer will zoom into the selected area.

Map-Position: Scrolling the Map can be done with the Scrollbar on the bottom or on the rights side of the Window. More precisely, it can be done directly on the map: Hold the right mouse button down and move the map with the mouse.

Context-Menu: Clicking the right mouse button will open the context menu. This menu is also used in other parts of the program and allows you to make additional adjustments like: showing a Nautical or meteorological Information or “Set fix point” . If you now use the zoom slider, you will always zoom back to the selected position. Even when you are zooming into other areas you simply need to touch the slider to get back to where you were before.



Create and modify Way Points

For a weather route calculation the speed is necessary. In both here explained cases the edit window for **Speed** in Knots is active in the field “Route Options”. You can define an average speed before placing the way points. You also can change the speed value for any way point separately. While you set the waypoints, the resolution or the position of the Map can be changed on the well-known way.

To create a new Route click this Button and move the mouse cursor on where the route will start and click on the Map to place and draw the starting Waypoint. Create additional Waypoints by clicking points further along your desired route. A right mouse click ends this procedure.

To modify a Route press this button and move the mouse cursor to the way point you want to modify and select it by clicking with the right mouse button. Now the way point is taken and you can move it to the desired position. Would you now click the right mouse button the point will be removed from the list. You can now set extra Points into this route as well.

Press **Edit** to open the **editor** window to change manually, by hand, the position, speed, etc. With **Insert** a new entry is inserted behind the current position of the waypoint list. With **delete** a selected entry can be deleted.

Every Point can be shown as Name or Info and runtime functions can be entered as well.

It is possible, upon arrival to a waypoint, that you can be warned by the Computer with a alarm sound. Activate in this case **Ankunft warnen**.

If you are planning a break, it would be good if the weather calculation may also take into account. Therefore, you can the **Pause** and **RESTART** button and enter in the edit window **ST**: The number of hours. If you also enter the Day of the Restart it means always, the next day (or days) to ST-clock. Because you arrive very often late in the afternoon and want to stay for the night and restart on the next morning. In such a case, you do not know how long the pause lasts.

You can select a forecast dataset and determine a specific start date. If the Start button is pressed, then the start date is used. Otherwise, the chosen base time is used as the start date. If you now click the "METEO ITEM LIST" the month, day and hour will displayed colored as the weather route (the more red, the more problems) and the following marks are displayed: **B** for a break (Break), **W** for warning and **R** for the amendment map resolution.

You can set the resolution by using the button "set Map Resolution". The current resolution of the map is adopted. Which you can be verified with test, because these functions will only run after activate Start CONTROL. Green items are presented below for, "done" and red for "data not yet available'. By clicking on the little boxes on the left, you can mark the entry as "done" manually, but only from the top check box to the bottom check box. , Pending' works from the bottom to the top.

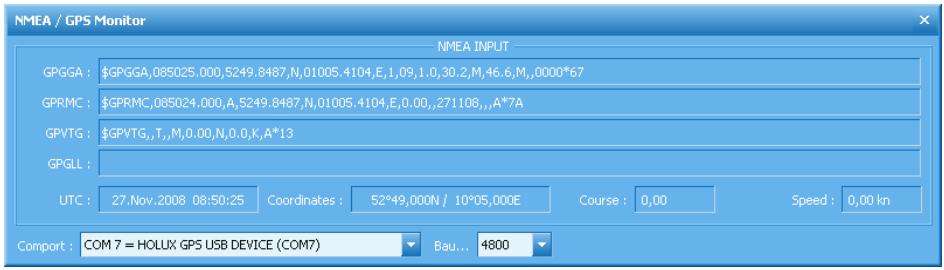
If an item is selected in list, then the weather information for this section will be displayed in the instrument window. Even if the **KD-Button** is activated, the weather will be displayed on the Map. Exactly as in the list, problems will be signaled with colors. The small arrow is the wind and is the thick arrow the wave height. The small weather-symbol indicates the general weather condition.

The direction of the wind and the waves are always shown in the direction of the boat. You can choose with **route direction,** whether the boat arrow is indicated in card direction (Compass) or in route direction.

With the **Course / Meteo** button the actual GPS course direction for the route is indicated as a more or less red boat. That assumes that a GPS is connected. With **NMEA control** the values, wind, Speed and depth are indicated to available instrument sensors. Wind from NMEA sensors only the text field is set.

Route-Control – NMEA Connection

If the presetting Tab is expanded, you can open the below shown dialog with the button ‚set NMEA-Para'and entering the necessary parameters for the GPS-receiver.



This dialog indicates the data which are received from the chosen COM-Port and accepted as NMEA coordinate data. If a correct NMEA-position is recognized, the route is controlled in the program and indicated as a small cross in the Map.

Future Extension and Update Service

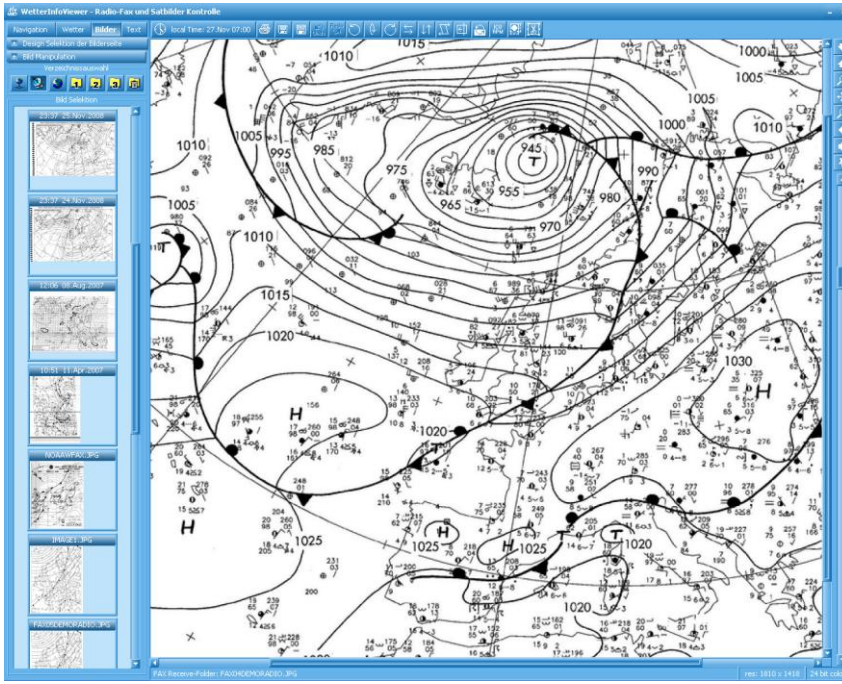
The extension „Navigation" is at the moment only a simple chart-plotter. The program contains Navigation Charts, for which, however, no guarantee is given. It is planned that the program is supposed to include a Navigation Charts service in the near Future, which is updated by Internet and will be liable to costs.

An active route control is supposed to write a logbook, in that way a seamless download of the nautical and meteorological data's correct and chronological fitting can be done. With "Route logbook control open" the logbook is supposed to be checked and old routes, of formerly done journeys, could be printed or can be viewed.

We are still work on it, but if it is ready some day:

You'll receive further program extensions and descriptions in the course of the update cycle via the Internet. Just press UPDATE in the Setup Program.

Images



Here all types of images are displayed, those downloaded from the internet and those received from the WEATHERiNFOBOX. The navigation is the same as in „*Weather*“.

Directory and source selection

This is where the sources of the various images are:

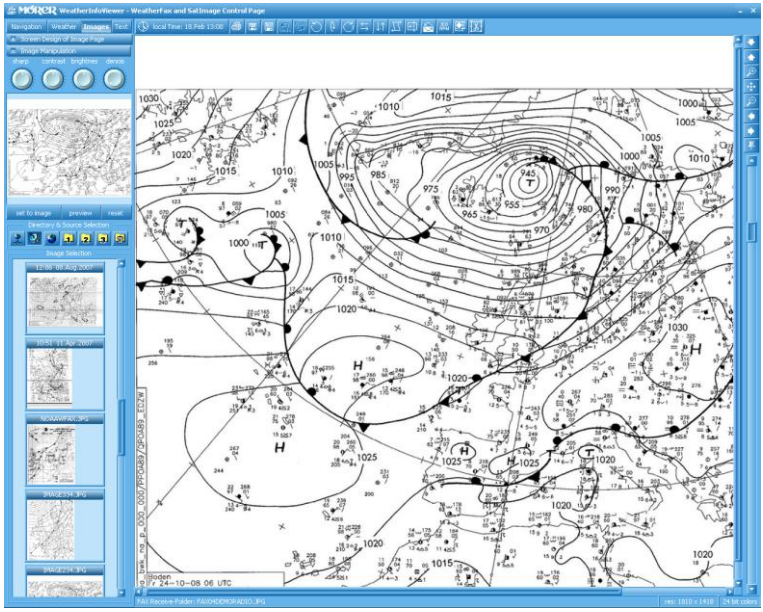
Weather maps from the internet, weather maps received on the radio, satellite images, saved and deleted images.

If you would like to archive images, simply drag and drop them to one of the „banks“. Images saved there will not be deleted by the “automatic deleting routine”.

Images that you move into the bin will be finally deleted after 8 days. If you did a mistake, the images are not gone immediately. You can easily move them via drag and drop out of the bin.

„Images selection“ contains images sorted by date. Double-clicking an image will bring it up in the large window on the right where it can be viewed and edited.

Image Processing



A received weather map is an image that can usually be edited with common Windows programs. However, there are no special tools that would enable you to improve fax reception. With this program you can rotate and synchronize fax images much more quickly because they are designed specifically for WeatherInfoViewer.

Save and print FAX

The image can be saved and printed. The regular processing windows appear without any special attributes.

Synchronize

If you have received an image where the left edge is displayed in the center of the image, you can use this function for subsequent synchronization. First click on the button. Now select the exact spot where you want the edge to be.

Skew correction

Use this function when an image comes in skewed.
Click on the upper edge of the image and draw a line along the skewed edge of the image. Clicking again will correct the image.

Crop image

Click on the button. Then click your left mouse button and draw a rectangle around the area you want to crop. Release the mouse button. You can now still manipulate the area by clicking on the edges and pulling them to a different position. Clicking the right mouse button will finalize the crop.

Rotate image

If the image is arranged wrongly you can rotate it here.

ICO RPM:

If a fax has been recorded with a wrong module or at the wrong speed, it can be turned into readable form here.

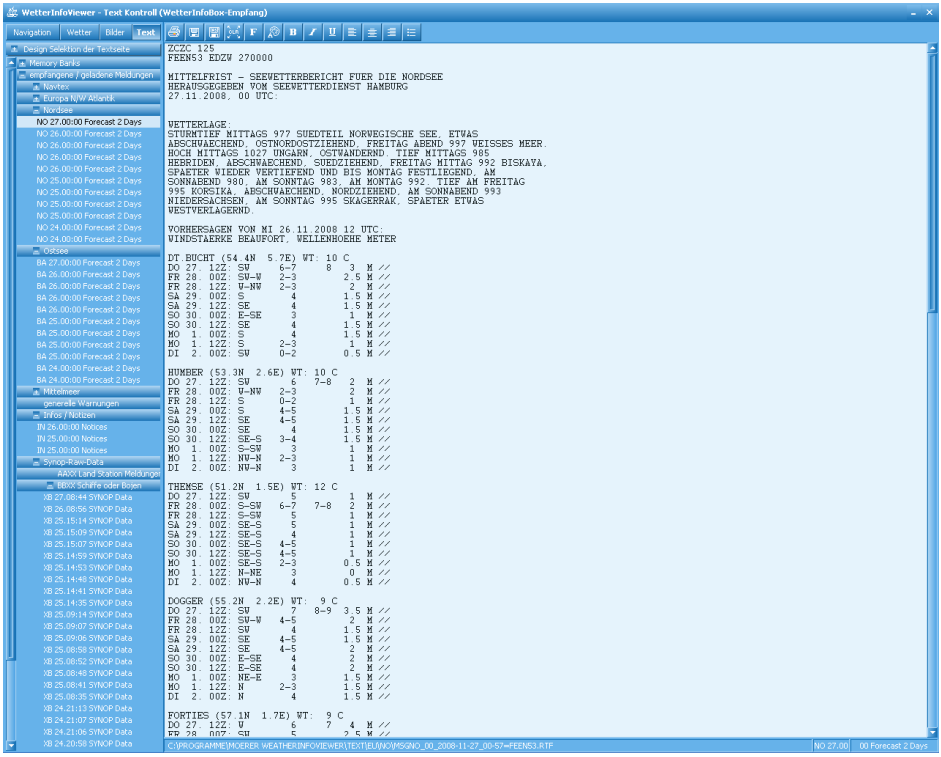
Contours, Soften, Sharpen, Brightness

„Contour“ displays lines such as isobars more clearly. If a line has been drawn very softly you can enhance it with this effect. “Soften” and “Sharpen” add a softening or sharpening effect to the image. “Brightness” controls the contrast of the image.

Undo / Redo

Use the UNDO command to reverse the last editing action, if possible.
Use the REDO command to reverse the UNDO command.

Text



This is where all received text messages such as forecasts, warnings, Navtex etc. are displayed. Texts belongs to certain areas will be stored in the respective folders. Forecasts for the Mediterranean can only be found in that folder. This makes finding the proper forecast much easier.

Symbol bar Text

This bar contains the following symbols:

Print
This will print text messages

Save + Save as
Here you can save a text or overwrite it.

CLR

Delete the text.

Format
This is where you can format a text.